

# Morbidity and Mortality

Weekly  
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release February 6, 1959

Washington 25, D. C.

Vol. 8, No. 4

## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 31, 1959

The number of reported cases of infectious hepatitis for the current week is 574. For the comparable week last year the figure was 375 and the median figure for 1954-58 was 543 cases. The cumulative number of cases for the 4 weeks of 1959 is 63 percent higher than the figure for the comparable 4 weeks of 1958. The increased incidence is evident in all the geographic divisions. The largest percentage difference between 1958 and 1959 figures is for the West North Central Division, but also the New England, Middle Atlantic, East North Central, South Atlantic, Mountain, and Pacific Divisions have substantially larger figures for 1959. Except for several occasional weeks, since July 1958 the number of cases reported each week has consistently exceeded the figures for the comparable week of the previous year. So far in 1959 the weekly figures have been close to the median figures for the period 1954-58. Although the largest number of cases has been

reported in the Pacific Division, that area's percentage of the total for the Nation is less than it was in 1958.

### EPIDEMIOLOGICAL REPORTS

#### Influenza

Dr. E. D. Kilbourne, Cornell University Medical College, New York City, has reported 2 cases of influenza in 18-year-old American high school girls who had been in Oslo for 6 months. They left Norway to return to the United States via Rotterdam. The ship sailed from Rotterdam on January 15 and, because of a stormy crossing, did not dock at New York City until January 25. On January 24 one of the girls became ill with fever and aching. The other girl became acutely ill after de-

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data.)

DISEASE (Seventh Revision of International Lists, 1955)	4th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 31, 1959 <sup>1</sup>	Ended Feb. 1, 1958	Median 1954-58	First 4 weeks			Since seasonal low week			
				1959 <sup>1</sup>	1958	Median 1954-58	1958-59 <sup>1</sup>	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	-	-	1	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	10	15	19	43	51	61	(2)	(2)	(2)	(2)
Diphtheria-----055	22	17	35	102	72	166	714	870	1,430	July 1
Encephalitis, infectious-----082	25	27	17	101	90	79	1,842	1,403	1,403	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	574	375	543	1,987	1,220	1,921	7,404	5,539	9,830	Sept. 1
Malaria-----110-117	3	2	3	7	2	11	(2)	(2)	(2)	(2)
Measles-----085	9,728	11,947	11,683	35,404	37,549	37,549	86,793	75,989	75,989	Sept. 1
Meningococcal infections-----057	53	62	67	228	236	297	1,091	1,245	1,264	Sept. 1
Meningitis, other-----340	349	56	-	248	198	-	-	-	-	-
Polioomyelitis-----080	31	19	82	92	77	433	5,934	5,477	28,704	Apr. 1
Paralytic-----080.1	27	10	45	64	41	237	3,083	1,943	-	Apr. 1
Nonparalytic-----080.2	1	9	18	14	30	110	1,969	2,678	-	Apr. 1
Unspecified-----080.3	3	-	17	14	6	77	882	856	-	Apr. 1
Psittacosis-----096.2	1	4	4	8	8	12	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Typhoid fever-----040	11	22	29	50	60	92	949	1,090	1,540	Apr. 1
Typhus fever, endemic-----101	-	-	1	1	1	3	65	91	118	Apr. 1
Rabies in animals-----	93	104	115	319	352	407	1,220	1,250	1,507	Oct. 1

<sup>1</sup>Data exclude reports from Florida and Idaho for the current week.

<sup>2</sup>Data show no pronounced seasonal change in incidence.

<sup>3</sup>Includes 12 cases of aseptic meningitis; see footnote to table 2.

<sup>4</sup>Includes revised figure for previous week. The published cumulative total for last week should have been 1,128, not 84.

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## EPIDEMIOLOGICAL REPORTS—Continued

barking from the ship. The first of these 2 cases had chills, fever up to 102° F., muscle soreness, slight cyanosis, and dry cough. The symptoms lasted 72 hours. The second case, which was more severe, was hospitalized. Prostration and fever up to 104° F. were observed but the duration of illness was only 72 hours. Throat washings were obtained from both students on January 27 and inoculated into 11-day-old chick embryos and monkey kidney tissue culture. After a 72-hour incubation, virus was demonstrable in eggs inoculated with washings from the second case with severe symptoms. This virus is inhibited in HI tests by antiserum directed against the Jap 305 strain of type A influenza virus. No other serologic tests have been made.

The girl from whom virus was isolated was vaccinated with 2 one-half milliliter doses of monovalent Asian strain influenza virus vaccine in the fall of 1957. She had no clinical influenza in 1957 or early 1958. This patient has returned to her home in Portland, Oregon, and the other to Minnesota.

This is the first isolation of the Asian strain of influenza A virus reported in the United States this season.

The Naval Air Facility, McMurdo Sound, Antarctica, has reported 10 cases of influenza-like illness. No laboratory confirmation of diagnosis was reported.

Salmonella

Dr. John Mason, New Mexico Department of Public Health, supplied additional information about the isolation of Salmonella from a powdered scrambled egg product. The initial report, week ended October 4, 1958, stated S. reading had been isolated from a previously unopened package of the egg product. In an examination of 18 additional previously unopened packages, Salmonella organisms were isolated from 9 as follows: S. reading from 5, S. montevideo from 2, S. muenchen from 1, and an atypical group C<sub>1</sub> Salmonella species from another package.

Infectious hepatitis

The Mississippi Morbidity Report, week ended January 23, 1959, states that Dr. Alton Cobb, Sunflower County, reported the occurrence of 9 cases of infectious hepatitis during a 2-week period. The infections were associated with an elementary

school. Seven of the cases were in members of 2 families. A high school student with the illness has close association with one of the families. The other case occurred during the same period but seemed unrelated. Further study is underway.

Blastomycosis

Dr. N. H. Dyer, West Virginia Director of Health, reported a case of blastomycosis in a 51-year-old white male. The man consulted a physician some 15 months ago about what appeared to be a skin cancer around the left nostril. The lesions were dark and rather purple. At that time he did not assent to the physician's request for a biopsy. He was next seen by the physician about 2 weeks ago when a biopsy was performed and a diagnosis of North American blastomycosis was made. The lesions were invading the septum of both nostrils and had entered the left maxillary and frontal sinuses. He is presently under treatment. The man's history revealed that 2 years ago while visiting in the area of Chicago a small pimple developed on his left nostril. He scratched the pimple and the resulting lesion has been spreading progressively since that time.

## QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

The following names should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Jefferson County Health Department Public Health Building, 1912 8th Avenue, South, Birmingham, Alabama Tel. FA-4-9571, X235	By appointment only	Yes
Milwaukee Health Department 1640 S. 24th Street, Milwaukee, Wisconsin Tel. MI-5-9330	Wednesday, 8-9 a. m.	Yes

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 1, 1958, AND JANUARY 31, 1959**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRICTELLOSIIS (undulant fever)		DIPHTHERIA OSS				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		4th week		Cumulative first 4 weeks		082		4th week		Cumulative first 4 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES <sup>1</sup> -----	10	15	22	17	102	72	25	27	574	375	1,987	1,220
NEW ENGLAND-----	-	-	-	-	1	2	-	1	23	11	68	38
Maine-----	-	-	-	-	-	-	-	-	5	5	17	6
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	6	-	6	-
Massachusetts-----	-	-	-	-	1	2	-	1	7	4	25	21
Rhode Island-----	-	-	-	-	-	-	-	-	-	1	6	6
Connecticut-----	-	-	-	-	-	-	-	-	5	1	14	5
MIDDLE ATLANTIC-----	-	2	2	3	3	6	8	5	81	47	288	151
New York-----	-	-	1	3	2	5	2	4	52	25	150	82
New Jersey-----	-	-	-	-	-	-	-	-	13	10	52	22
Pennsylvania-----	-	2	1	-	1	1	6	1	16	12	86	47
EAST NORTH CENTRAL-----	1	1	3	-	9	3	2	1	95	80	292	211
Ohio-----	-	-	-	-	2	2	-	-	42	21	112	50
Indiana-----	-	-	-	-	-	-	-	-	12	20	32	36
Illinois-----	-	-	1	-	6	-	-	-	15	10	42	41
Michigan-----	-	1	-	-	-	1	1	1	20	26	91	75
Wisconsin-----	1	-	-	-	1	-	1	-	6	3	15	9
WEST NORTH CENTRAL-----	3	9	-	1	1	4	1	1	78	17	211	61
Minnesota-----	-	2	-	-	-	-	-	-	12	2	40	11
Iowa-----	2	3	-	1	1	2	1	1	6	-	23	12
Missouri-----	-	2	-	-	-	-	-	-	20	3	55	14
North Dakota-----	-	-	-	-	-	1	-	-	27	6	51	14
South Dakota-----	1	-	-	-	-	-	-	-	-	-	2	-
Nebraska-----	-	-	-	-	-	1	-	-	6	3	13	4
Kansas-----	-	2	-	-	-	-	-	-	7	3	27	6
SOUTH ATLANTIC <sup>1</sup> -----	4	2	5	8	19	25	5	12	47	33	199	102
Delaware-----	-	-	-	-	-	-	-	-	6	1	12	3
Maryland-----	-	-	-	-	-	1	-	-	15	7	76	13
District of Columbia-----	-	-	-	-	-	-	1	-	1	1	4	1
Virginia-----	1	-	1	-	2	5	-	-	4	3	24	27
West Virginia-----	-	-	-	-	-	1	-	-	13	-	44	9
North Carolina-----	1	-	1	4	4	6	4	11	8	5	25	11
South Carolina-----	-	-	1	-	3	2	-	1	-	2	5	3
Georgia-----	2	2	2	3	7	9	-	-	6	4	12	4
Florida-----	-	-	-	1	13	1	-	-	-	8	15	23
EAST SOUTH CENTRAL-----	2	-	6	-	22	8	1	1	39	28	158	128
Kentucky-----	1	-	1	-	1	1	-	1	25	20	95	76
Tennessee-----	-	-	1	-	3	1	-	-	5	2	25	30
Alabama-----	-	-	4	-	6	5	-	-	8	5	25	17
Mississippi-----	1	-	-	-	12	1	1	-	1	1	13	5
WEST SOUTH CENTRAL-----	-	-	6	-	40	15	1	1	35	21	98	91
Arkansas-----	-	-	4	-	16	2	-	-	6	1	12	7
Louisiana-----	-	-	1	-	11	-	-	-	-	-	2	1
Oklahoma-----	-	-	-	-	-	3	-	1	4	2	10	16
Texas-----	-	-	1	-	13	10	1	-	25	18	74	67
MOUNTAIN <sup>1</sup> -----	-	-	-	4	5	7	-	1	73	78	326	202
Montana-----	-	-	-	1	-	2	-	-	8	12	29	32
Idaho-----	-	-	-	-	1	-	-	-	-	6	146	20
Wyoming-----	-	-	-	2	-	2	-	-	2	-	28	1
Colorado-----	-	-	-	1	2	3	-	-	38	4	98	16
New Mexico-----	-	-	-	-	3	-	-	-	8	6	54	36
Arizona-----	-	-	-	-	-	-	-	-	14	32	54	61
Utah-----	-	-	-	-	-	-	-	-	3	7	16	22
Nevada-----	-	-	-	-	-	-	-	1	-	11	1	14
PACIFIC-----	-	1	-	1	2	2	7	4	103	60	347	236
Alaska-----	-	-	-	-	-	-	-	-	1	(3)	3	(11)
Washington-----	-	-	-	-	-	-	-	-	7	12	55	43
Oregon-----	-	-	-	1	1	-	-	-	21	7	70	29
California-----	-	1	-	1	1	1	7	4	74	41	219	164
Hawaii-----	-	-	-	-	-	-	-	-	-	2	6	6
Puerto Rico-----	-	-	1	1	4	2	-	-	4	15	11	23

<sup>1</sup>Data exclude reports from Florida and Idaho for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 1, 1958, AND JANUARY 31, 1959--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total <sup>2</sup>				Paralytic 080.0,080.1				Nonparalytic		085	
	4th week		Cumulative first 4 weeks		4th week		Cumulative first 4 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES <sup>1</sup> -----	31	19	92	77	27	10	64	41	1	9	9,728	11,947
NEW ENGLAND-----	-	-	2	2	-	-	2	2	-	-	729	1,187
Maine-----	-	-	-	2	-	-	-	2	-	-	16	41
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	22	32
Vermont-----	-	-	1	-	-	-	1	-	-	-	128	58
Massachusetts-----	-	-	1	-	-	-	1	-	-	-	149	666
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	2	8
Connecticut-----	-	-	-	-	-	-	-	-	-	-	412	382
MIDDLE ATLANTIC-----	2	-	12	5	1	-	2	3	-	-	2,904	1,801
New York-----	1	-	5	5	-	-	-	3	-	-	425	1,417
New Jersey-----	-	-	-	-	-	-	-	-	-	-	974	207
Pennsylvania-----	1	-	7	-	1	-	2	-	-	-	1,505	177
EAST NORTH CENTRAL-----	4	3	5	8	3	2	3	6	-	1	1,114	2,711
Ohio-----	1	-	2	1	-	-	-	-	-	-	330	364
Indiana-----	-	-	-	1	-	-	-	1	-	-	138	212
Illinois-----	-	1	-	1	-	1	-	1	-	-	164	223
Michigan-----	3	1	3	3	3	-	3	2	-	1	229	385
Wisconsin-----	-	1	-	2	-	1	-	2	-	-	253	1,527
WEST NORTH CENTRAL-----	6	1	13	2	5	1	9	2	-	-	823	330
Minnesota-----	-	-	-	-	-	-	-	-	-	-	23	14
Iowa-----	-	1	-	1	-	1	-	1	-	-	429	195
Missouri-----	5	-	10	-	4	-	8	-	-	-	99	24
North Dakota-----	-	-	-	-	-	-	-	-	-	-	228	92
South Dakota-----	-	-	1	1	-	-	-	1	-	-	21	-
Nebraska-----	1	-	1	-	1	-	1	-	-	-	23	5
Kansas-----	-	-	1	-	-	-	-	-	-	-	(*)	(*)
SOUTH ATLANTIC <sup>1</sup> -----	4	6	16	19	4	1	11	5	-	5	692	1,753
Delaware-----	-	-	-	-	-	-	-	-	-	-	19	7
Maryland-----	-	-	-	-	-	-	-	-	-	-	58	339
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	5	72
Virginia-----	1	1	2	1	1	1	2	1	-	-	245	180
West Virginia-----	1	-	3	-	1	-	3	-	-	-	168	330
North Carolina-----	1	3	1	7	1	-	1	2	-	3	118	150
South Carolina-----	-	-	-	1	-	-	-	-	-	-	71	534
Georgia-----	1	-	1	-	1	-	1	-	-	-	8	66
Florida-----	-	2	1 <sup>9</sup>	10	-	-	1 <sup>4</sup>	2	-	2	-	75
EAST SOUTH CENTRAL-----	2	1	8	9	2	1	6	4	-	-	564	1,184
Kentucky-----	1	1	2	7	1	1	2	4	-	-	145	464
Tennessee-----	-	-	1	-	-	-	-	-	-	-	268	586
Alabama-----	-	-	1	-	-	-	-	-	-	-	111	103
Mississippi-----	1	-	5	1	1	-	4	-	-	-	40	31
WEST SOUTH CENTRAL-----	6	3	20	12	6	3	17	10	-	-	724	1,091
Arkansas-----	1	1	7	1	1	1	7	1	-	-	10	10
Louisiana-----	-	-	-	4	-	-	-	3	-	-	1	19
Oklahoma-----	-	-	2	-	-	-	2	-	-	-	3	67
Texas-----	5	2	11	7	5	2	8	6	-	-	710	995
MOUNTAIN <sup>1</sup> -----	2	1	4	4	2	1	3	1	-	-	741	774
Montana-----	-	-	-	-	-	-	-	-	-	-	252	105
Idaho-----	-	-	1	-	-	-	1	-	-	-	-	170
Wyoming-----	-	1	-	1	-	1	-	1	-	-	8	5
Colorado-----	-	-	-	-	-	-	-	-	-	-	218	72
New Mexico-----	-	-	2	1	-	-	1	-	-	-	29	272
Arizona-----	2	-	2	1	2	-	2	-	-	-	170	102
Utah-----	-	-	1	-	-	-	-	-	-	-	59	48
Nevada-----	-	-	-	-	-	-	-	-	-	-	5	-
PACIFIC-----	5	4	12	16	4	1	11	8	1	3	1,437	1,116
Alaska-----	-	-	-	-	-	-	-	-	-	-	60	(36)
Washington-----	-	-	-	-	-	-	-	-	-	-	352	338
Oregon-----	1	1	1	1	1	-	1	-	-	1	217	254
California-----	4	3	11	15	3	1	10	8	1	2	808	524
Hawaii-----	-	-	3	1	-	-	3	1	-	-	16	8
Puerto Rico-----	-	4	1	7	-	3	1	5	-	1	94	46

<sup>1</sup>Data exclude reports from Florida and Idaho for the current week.<sup>2</sup>Includes cases not specified by type, category number 080.3.

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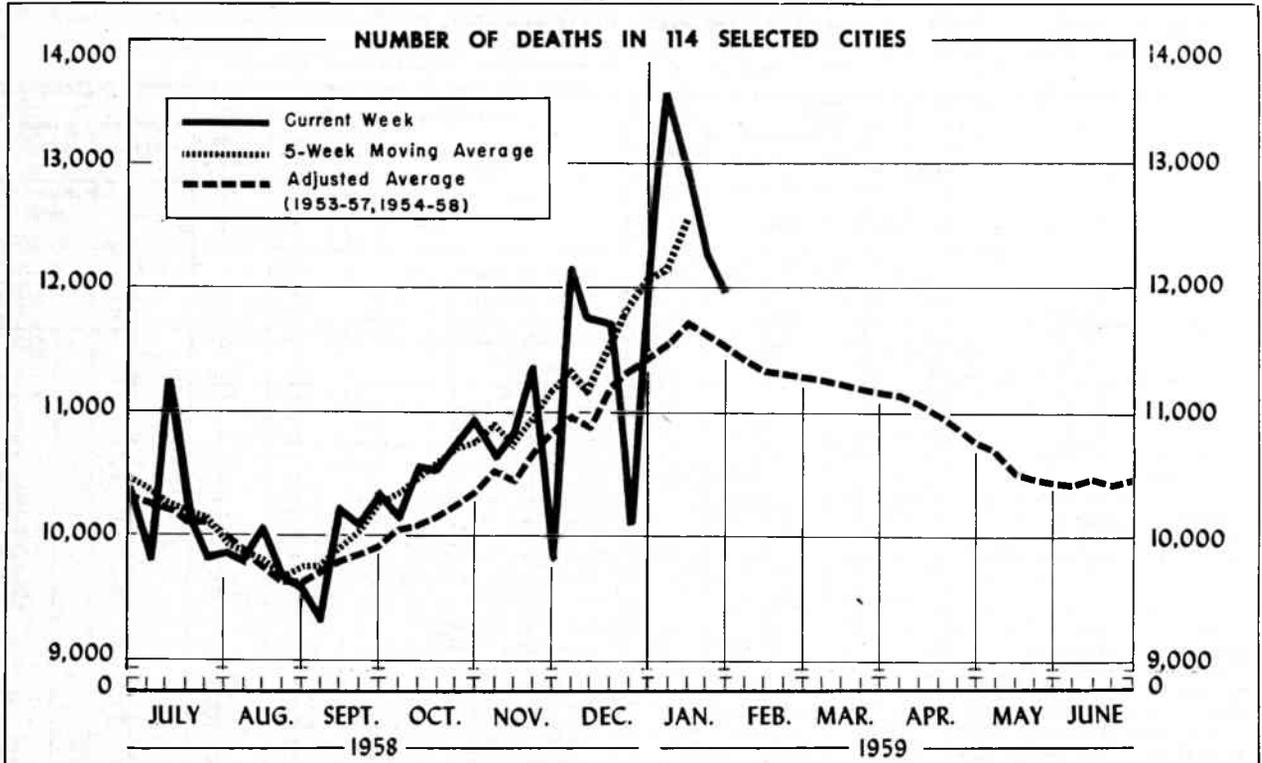
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 1, 1958, AND JANUARY 31, 1959—Continued**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA		MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117		057		340	096.2	4th week		Cumulative first 4 weeks		101		
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES <sup>1</sup> -----	3	53	62	49	1	11	22	50	60	-	93	104	
NEW ENGLAND-----	-	3	4	3	-	-	-	-	1	-	-	-	
Maine-----	-	1	-	-	-	-	-	-	-	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	
Massachusetts-----	-	1	-	2	-	-	-	-	1	-	-	-	
Rhode Island-----	-	-	-	1	-	-	-	-	-	-	-	-	
Connecticut-----	-	1	4	-	-	-	-	-	-	-	-	-	
MIDDLE ATLANTIC-----	1	10	11	-	-	3	-	7	6	-	4	2	
New York-----	1	6	5	-	-	1	-	3	1	-	4	2	
New Jersey-----	-	1	3	-	-	-	-	1	1	-	-	-	
Pennsylvania-----	-	3	3	-	-	2	-	3	4	-	-	-	
EAST NORTH CENTRAL-----	-	14	14	6	1	1	2	3	8	-	5	10	
Ohio-----	-	4	2	-	-	1	-	3	-	-	3	7	
Indiana-----	-	1	-	-	-	-	-	-	4	-	2	1	
Illinois-----	-	5	4	6	-	-	-	-	-	-	-	1	
Michigan-----	-	4	5	-	-	-	-	-	2	-	-	-	
Wisconsin-----	-	-	3	-	1	-	2	-	2	-	-	1	
WEST NORTH CENTRAL-----	-	3	-	2	-	-	4	3	12	-	29	15	
Minnesota-----	-	1	-	-	-	-	-	-	1	-	5	11	
Iowa-----	-	-	-	1	-	-	1	-	4	-	4	1	
Missouri-----	-	1	-	1	-	-	2	1	5	-	5	2	
North Dakota-----	-	-	-	-	-	-	-	1	-	-	3	1	
South Dakota-----	-	-	-	-	-	-	-	-	-	-	12	-	
Nebraska-----	-	-	-	-	-	-	-	-	1	-	-	-	
Kansas-----	-	1	-	-	-	-	1	1	1	-	-	-	
SOUTH ATLANTIC <sup>1</sup> -----	-	6	9	5	-	3	6	11	11	-	15	19	
Delaware-----	-	-	1	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	2	-	-	-	-	-	1	-	-	-	
District of Columbia-----	-	1	1	2	-	-	-	-	-	-	-	-	
Virginia-----	-	2	1	2	-	-	-	1	-	-	3	9	
West Virginia-----	-	1	1	-	-	-	-	1	1	-	5	3	
North Carolina-----	-	2	3	-	-	2	5	3	8	-	1	-	
South Carolina-----	-	-	-	1	-	-	1	1	1	-	-	-	
Georgia-----	-	-	-	-	-	1	-	1	-	-	6	6	
Florida-----	-	-	-	-	-	-	-	14	-	-	-	1	
EAST SOUTH CENTRAL-----	-	9	10	10	-	-	1	5	5	-	14	43	
Kentucky-----	-	4	3	3	-	-	1	1	1	-	4	35	
Tennessee-----	-	1	1	4	-	-	-	1	2	-	3	7	
Alabama-----	-	3	4	-	-	-	-	2	1	-	7	-	
Mississippi-----	-	1	2	3	-	-	-	1	1	-	-	1	
WEST SOUTH CENTRAL-----	-	2	7	4	-	3	6	10	12	-	23	13	
Arkansas-----	-	-	-	-	-	-	-	2	-	-	10	2	
Louisiana-----	-	1	5	-	-	-	5	3	6	-	2	1	
Oklahoma-----	-	-	1	3	-	2	-	3	-	-	-	-	
Texas-----	-	1	1	1	-	1	1	2	6	-	11	10	
MOUNTAIN <sup>1</sup> -----	-	2	1	2	-	1	1	5	1	-	3	1	
Montana-----	-	-	1	1	-	-	-	1	-	-	-	-	
Idaho-----	-	-	-	-	-	-	-	1	-	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	1	-	-	-	-	
Colorado-----	-	2	-	1	-	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	-	-	-	1	1	1	-	2	-	
Arizona-----	-	-	-	-	-	1	-	1	-	-	1	1	
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	2	4	6	17	-	-	2	6	4	-	-	1	
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-	
Washington-----	-	-	1	1	-	-	-	-	-	-	-	-	
Oregon-----	1	1	1	4	-	-	-	-	-	-	-	-	
California-----	1	3	4	312	-	-	2	6	4	-	-	1	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	2	-	-	-	-	2	-	-	-	

<sup>1</sup>Data exclude reports from Florida and Idaho for the current week.  
<sup>2</sup>Aseptic meningitis.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	4th week ended Jan. 31, 1959	3d week ended Jan. 24, 1959	Adjusted average, 4th week 1954-58	Percent change, adjusted average to current week <sup>1</sup>	CUMULATIVE NUMBER FIRST 4 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	11,997	12,257	11,505	+4.3	50,743	52,171	-2.7
New England----- (14 cities)	748	773	768	-2.6	3,168	3,080	+2.9
Middle Atlantic----- (20 cities)	3,382	3,657	3,389	-0.2	14,588	15,421	-5.4
East North Central----- (19 cities)	2,674	2,505	2,476	+8.0	10,672	11,255	-5.2
West North Central----- (9 cities)	917	810	806	+13.8	3,634	3,526	+3.1
South Atlantic----- (11 cities)	1,041	1,035	981	+6.1	4,378	4,457	-1.8
East South Central----- (8 cities)	581	538	526	+10.5	2,415	2,493	-3.1
West South Central----- (13 cities)	947	1,083	914	+3.6	4,315	4,553	-5.2
Mountain----- (8 cities)	318	348	273	+16.5	1,406	1,369	+2.7
Pacific----- (12 cities)	1,389	1,508	1,404	-1.1	6,167	6,017	+2.5

<sup>1</sup>Adjusted average used as base.

# Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	4th week ended	3d week ended	CUMULATIVE NUMBER FIRST 4 WEEKS		AREA	4th week ended	3d week ended	CUMULATIVE NUMBER FIRST 4 WEEKS	
	Jan. 31, 1959	Jan. 24, 1959	1959	1958		Jan. 31, 1959	Jan. 24, 1959	1959	1958
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	237	270	1,068	1,039	St. Louis, Mo.-----	306	232	1,152	1,169
Bridgeport, Conn.-----	36	36	160	175	St. Paul, Minn.-----	75	71	305	339
Cambridge, Mass.-----	30	36	131	122	Wichita, Kans.-----	45	41	226	208
Fall River, Mass.-----	39	22	124	105	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	53	57	218	222	Atlanta, Ga.-----	119	115	512	484
Lowell, Mass.-----	26	23	99	115	Baltimore, Md.-----	226	250	1,053	1,169
Lynn, Mass.-----	25	27	104	93	Charlotte, N. C.-----	39	25	166	131
New Bedford, Mass.-----	29	15	101	129	Jacksonville, Fla.-----	72	71	277	324
New Haven, Conn.-----	52	48	209	199	Miami, Fla.-----	107	92	328	308
Providence, R. I.-----	76	77	326	317	Norfolk, Va.-----	42	53	208	148
Scamerville, Mass.-----	23	9	69	59	Richmond, Va.-----	79	81	334	315
Springfield, Mass.-----	45	60	198	182	Savannah, Ga.-----	29	47	159	176
Waterbury, Conn.-----	21	28	109	118	St. Petersburg, Fla.-----	(88)	(81)	(334)	(319)
Worcester, Mass.-----	56	65	252	205	Tampa, Fla.-----	76	66	311	301
<b>MIDDLE ATLANTIC:</b>					Washington, D. C.-----				
Albany, N. Y.-----	48	59	231	227	210	190	857	942	
Allentown, Pa.-----	30	34	144	168	Wilmington, Del.-----	42	45	173	159
Buffalo, N. Y.-----	165	138	580	728	<b>EAST SOUTH CENTRAL:</b>				
Camden, N. J.-----	41	36	182	193	Birmingham, Ala.-----	98	84	411	407
Elizabeth, N. J.-----	26	27	121	134	Chattanooga, Tenn.-----	41	45	205	249
Erie, Pa.-----	33	35	164	146	Knoxville, Tenn.-----	37	28	130	130
Jersey City, N. J.-----	70	113	381	347	Louisville, Ky.-----	131	118	544	528
Newark, N. J.-----	104	125	469	525	Memphis, Tenn.-----	129	128	568	518
New York City, N. Y.-----	1,731	1,760	7,331	7,854	Mobile, Ala.-----	39	31	151	211
Paterson, N. J.-----	49	40	190	221	Montgomery, Ala.-----	39	38	134	164
Philadelphia, Pa.-----	512	632	2,340	2,409	Nashville, Tenn.-----	67	66	272	286
Pittsburgh, Pa.-----	224	195	899	962	<b>WEST SOUTH CENTRAL:</b>				
Reading, Pa.-----	30	28	107	85	Austin, Tex.-----	27	33	109	155
Rochester, N. Y.-----	96	131	435	404	Baton Rouge, La.-----	27	39	156	157
Schenectady, N. Y.-----	25	36	111	114	Corpus Christi, Tex.-----	30	21	92	109
Scranton, Pa.-----	41	47	163	128	Dallas, Tex.-----	104	112	524	471
Syracuse, N. Y.-----	46	82	254	276	El Paso, Tex.-----	42	39	160	177
Trenton, N. J.-----	46	69	223	239	Fort Worth, Tex.-----	56	75	252	279
Utica, N. Y.-----	35	28	125	129	Houston, Tex.-----	182	190	746	768
Yonkers, N. Y.-----	30	42	138	132	Little Rock, Ark.-----	44	76	268	236
<b>EAST NORTH CENTRAL:</b>					New Orleans, La.-----				
Akron, Ohio-----	53	56	252	249	183	179	742	899	
Canton, Ohio-----	39	34	137	121	Oklahoma City, Okla.-----	76	85	330	350
Chicago, Ill.-----	854	753	3,290	3,857	San Antonio, Tex.-----	74	132	435	514
Cincinnati, Ohio-----	172	161	743	731	Shreveport, La.-----	49	58	273	232
Cleveland, Ohio-----	220	275	952	929	Tulsa, Okla.-----	53	44	228	206
Columbus, Ohio-----	128	109	520	516	<b>MOUNTAIN:</b>				
Dayton, Ohio-----	67	69	276	323	Albuquerque, N. Mex.-----	44	32	154	106
Detroit, Mich.-----	401	370	1,467	1,423	Colorado Springs, Colo.-----	16	13	73	59
Evansville, Ind.-----	31	34	147	162	Denver, Colo.-----	121	119	501	557
Flint, Mich.-----	34	30	167	167	Ogden, Utah-----	11	19	63	69
Fort Wayne, Ind.-----	38	29	150	177	Phoenix, Ariz.-----	48	64	257	231
Gary, Ind.-----	40	29	164	153	Pueblo, Colo.-----	13	15	55	54
Grand Rapids, Mich.-----	37	40	174	201	Salt Lake City, Utah-----	38	52	203	199
Indianapolis, Ind.-----	165	156	706	528	Tucson, Ariz.-----	27	34	100	94
Madison, Wis.-----	(31)	(24)	(102)	(110)	<b>PACIFIC:</b>				
Milwaukee, Wis.-----	156	141	629	701	Berkeley, Calif.-----	19	18	89	82
Peoria, Ill.-----	32	27	122	141	Fresno, Calif.-----	(48)	(37)	(185)	(148)
Rockford, Ill.-----	(41)	(28)	(138)	(115)	Glendale, Calif.-----	(41)	(39)	(156)	(141)
South Bend, Ind.-----	29	27	114	113	Long Beach, Calif.-----	52	65	246	252
Toledo, Ohio-----	107	119	417	527	Los Angeles, Calif.-----	531	588	2,269	2,205
Youngstown, Ohio-----	71	46	245	236	Oakland, Calif.-----	94	102	420	413
<b>WEST NORTH CENTRAL:</b>					Pasadena, Calif.-----				
Des Moines, Iowa-----	55	56	231	271	Portland, Oreg.-----	105	125	531	456
Duluth, Minn.-----	27	18	104	100	Sacramento, Calif.-----	52	49	225	209
Kansas City, Kans.-----	40	28	123	134	San Diego, Calif.-----	72	103	363	380
Kansas City, Mo.-----	154	140	601	514	San Francisco, Calif.-----	200	190	894	926
Lincoln, Nebr.-----	(36)	(22)	(120)	(123)	San Jose, Calif.-----	(25)	(28)	(117)	(85)
Minneapolis, Minn.-----	114	141	518	506	Seattle, Wash.-----	140	153	608	563
Omaha, Nebr.-----	101	83	374	285	Spokane, Wash.-----	46	55	217	212
					Tacoma, Wash.-----				
					Honolulu, Hawaii-----				
					(28) (51) (169) (175)				

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## EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	( )

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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